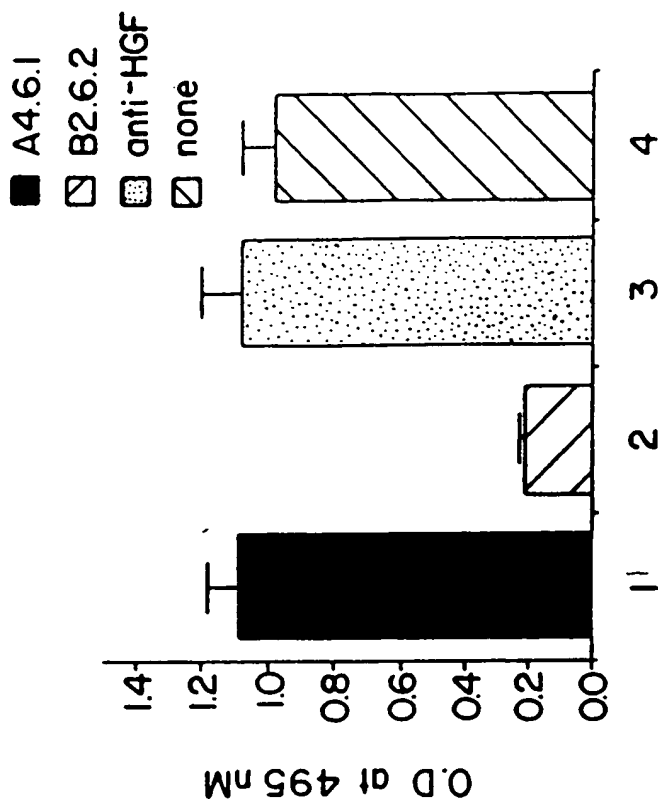
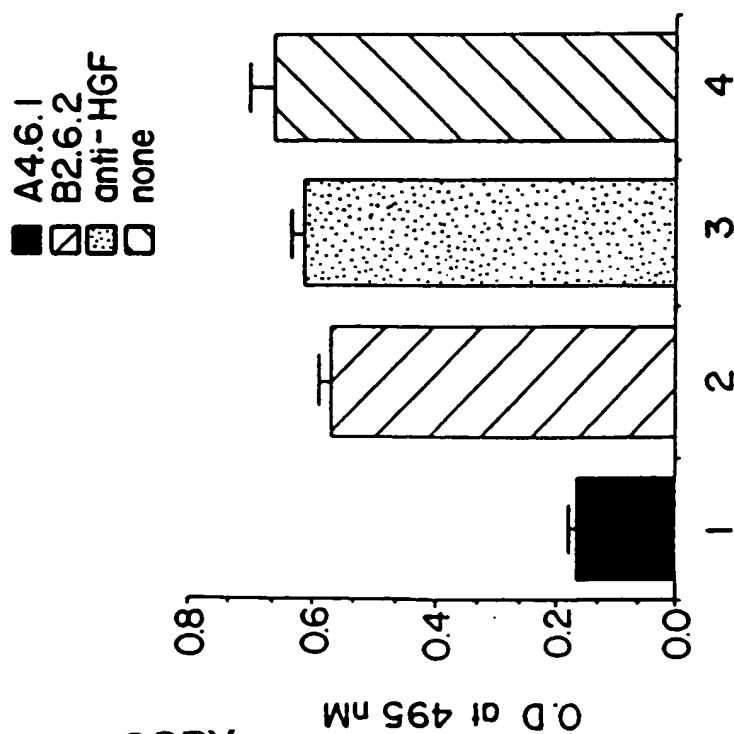




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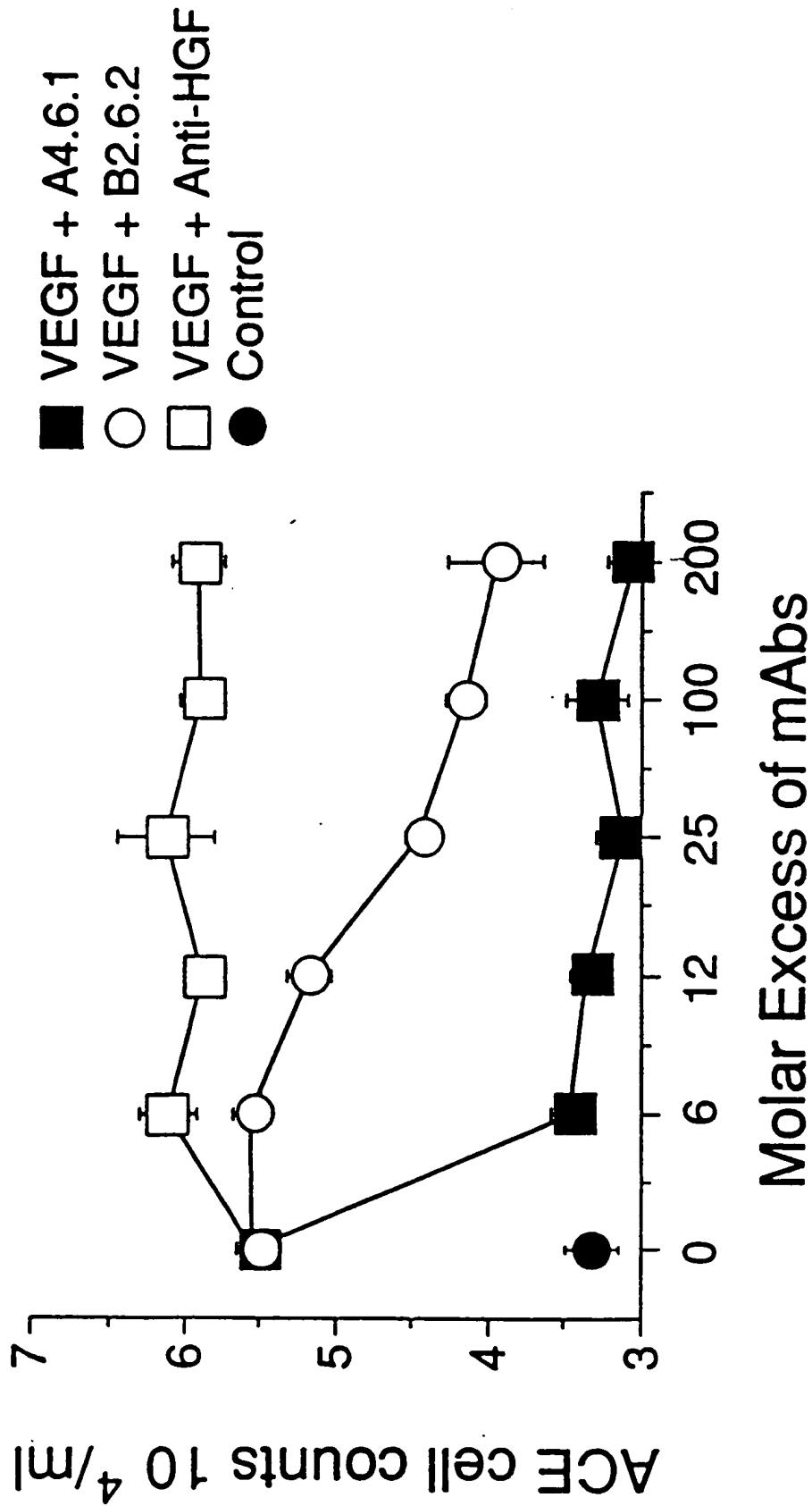


FIG. 2

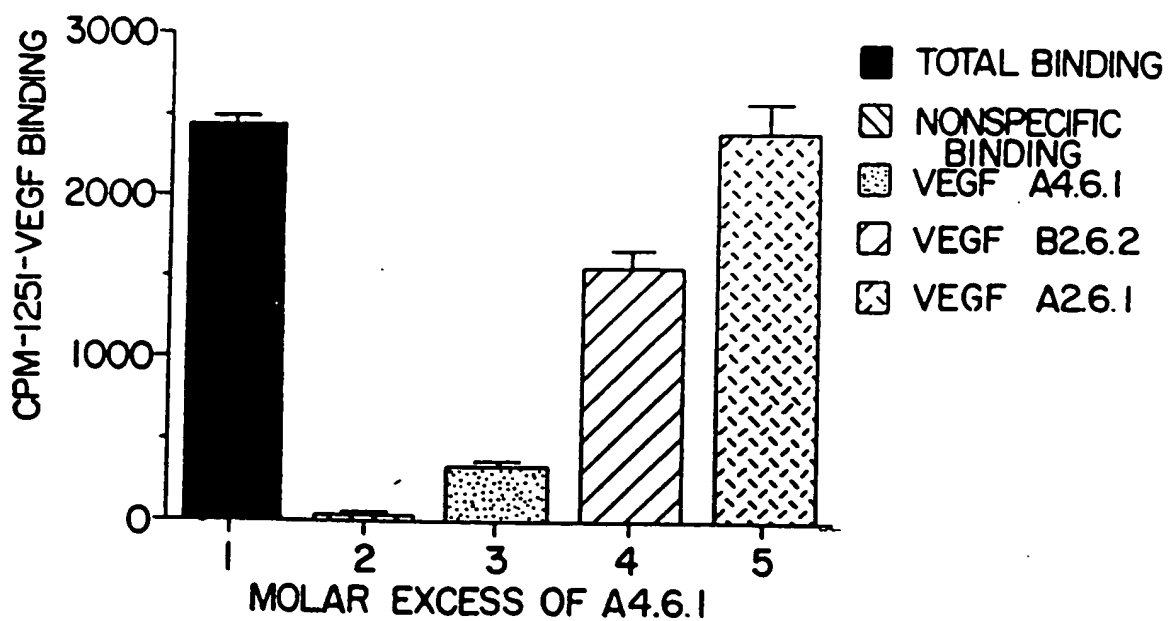


FIG. 3a

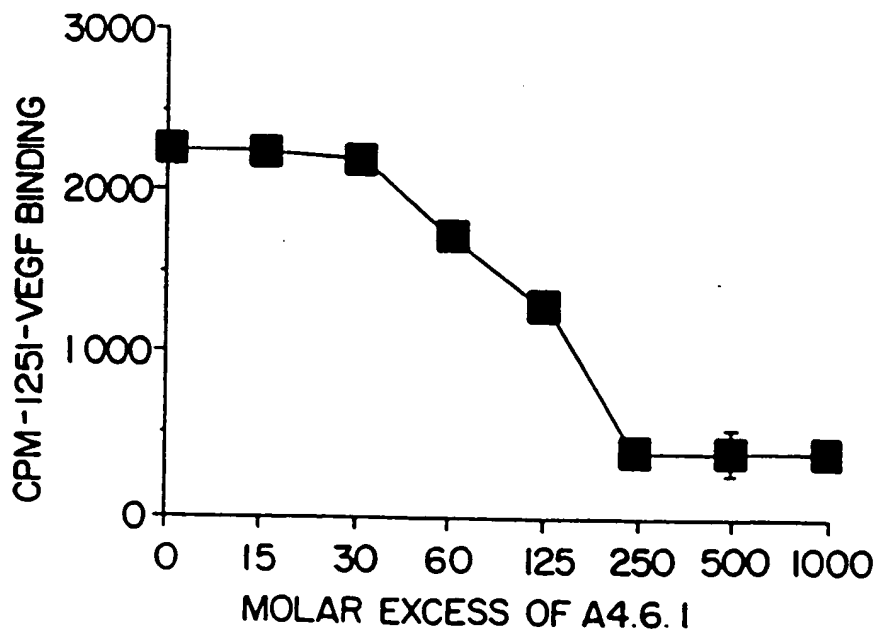
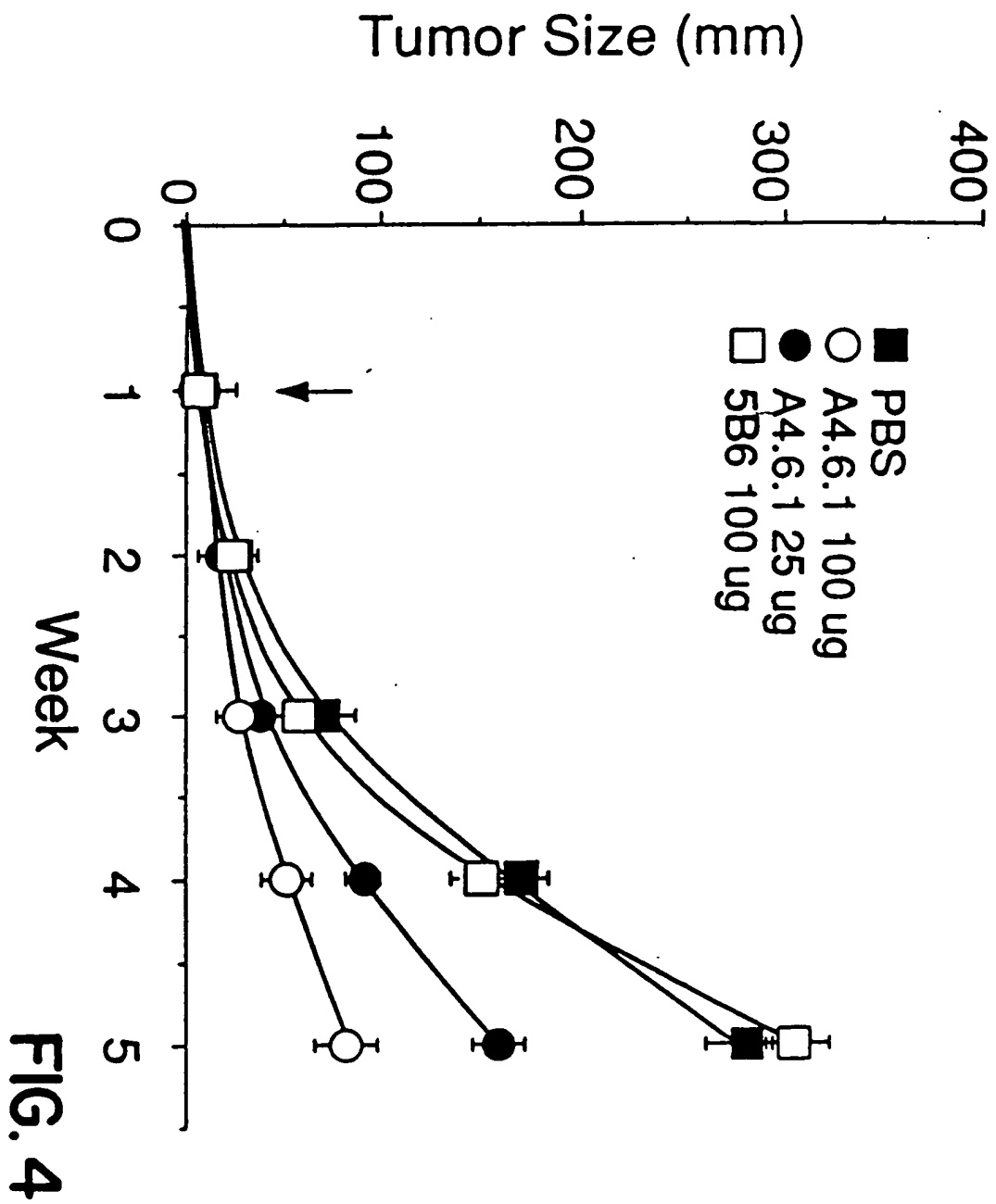


FIG. 3b



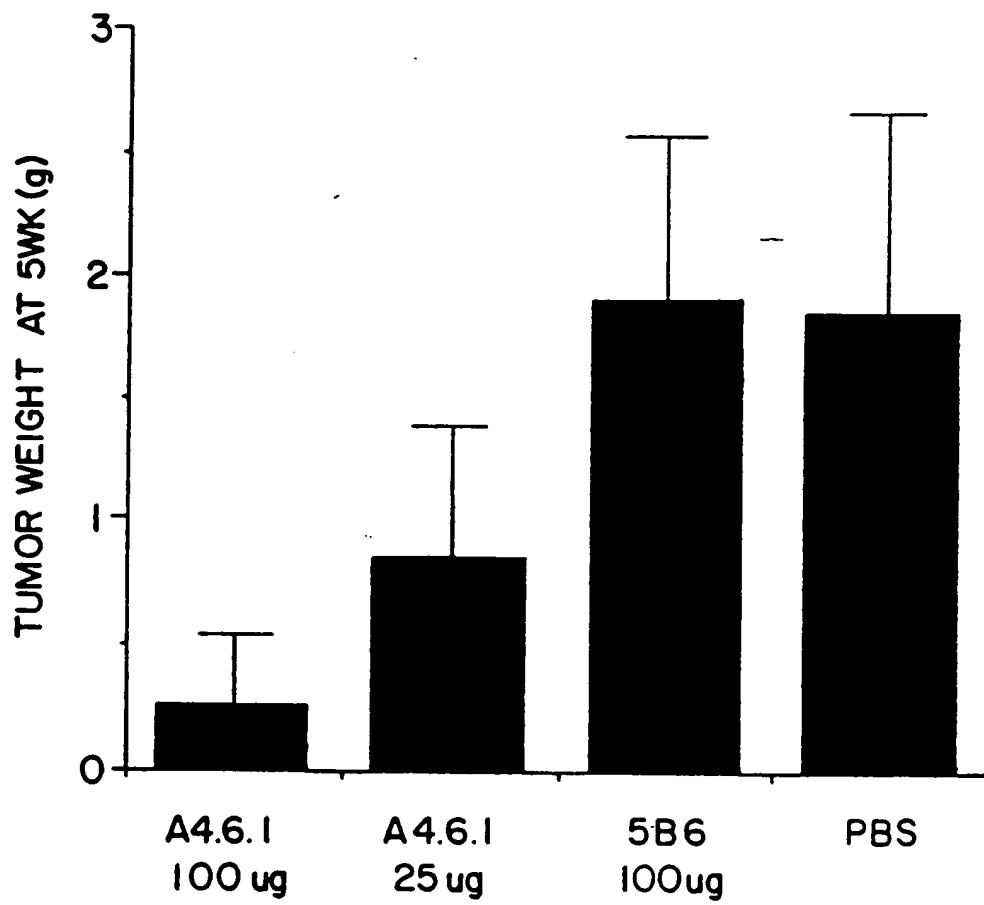


FIG. 5

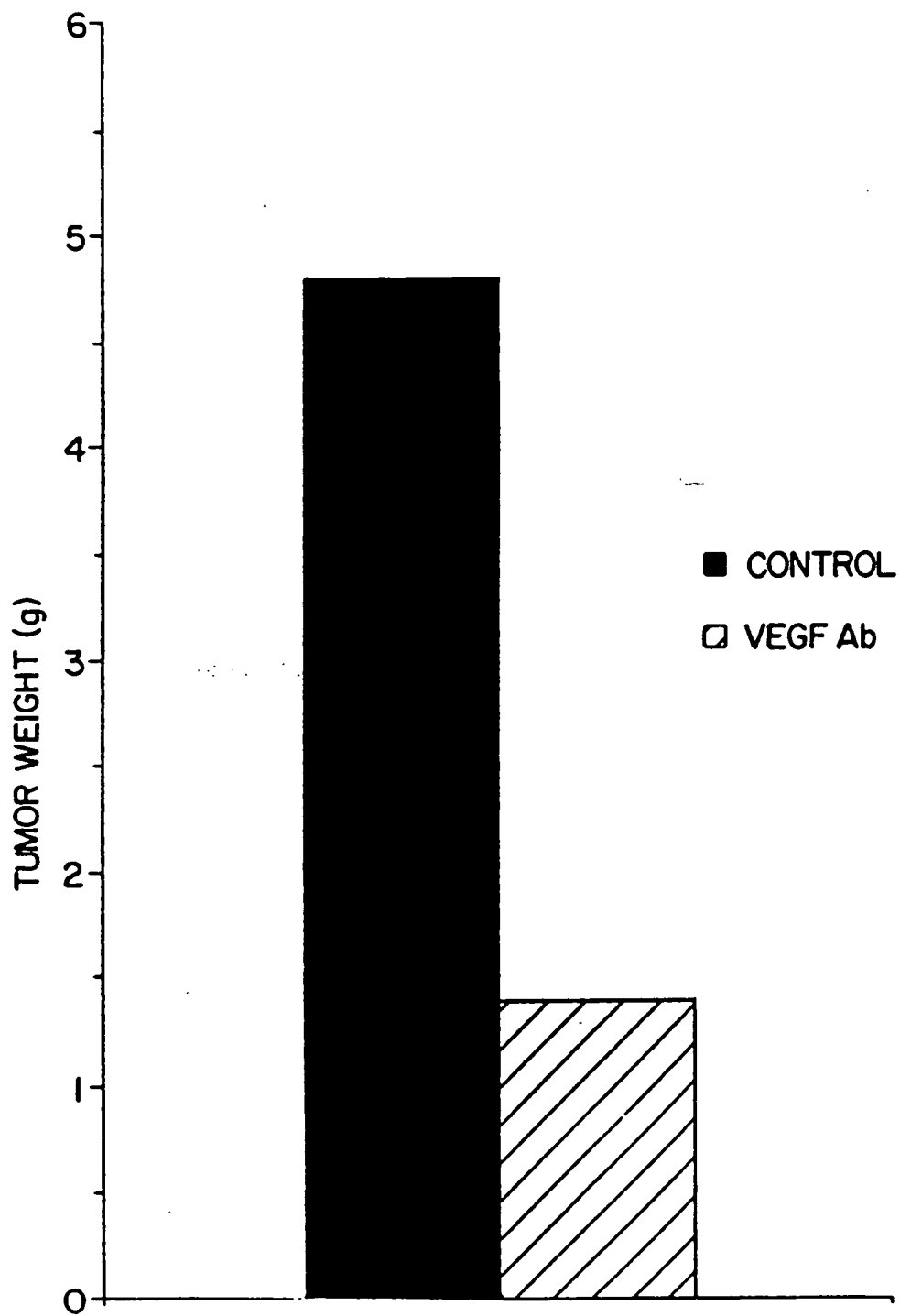


FIG. 6

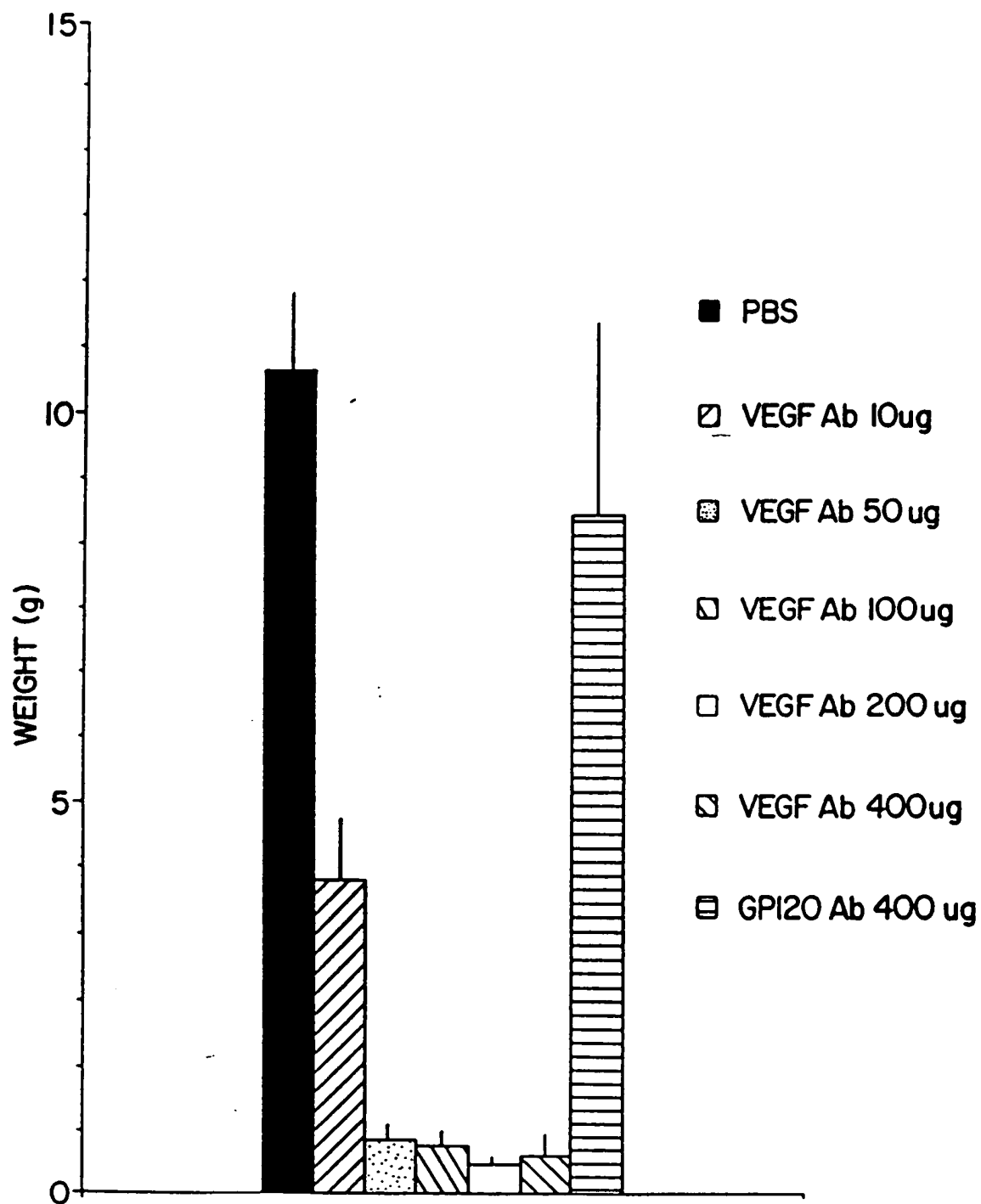


FIG. 7

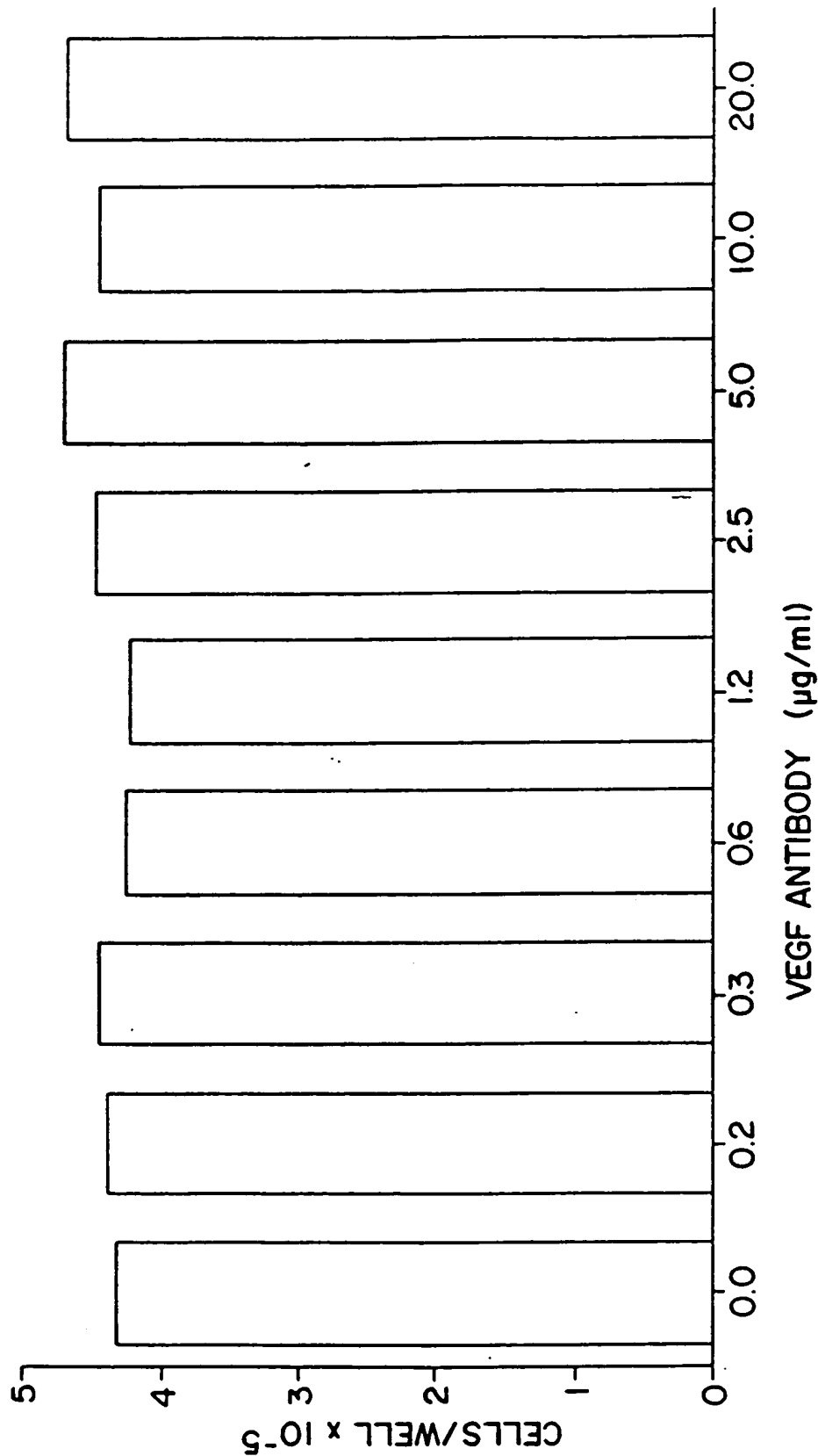
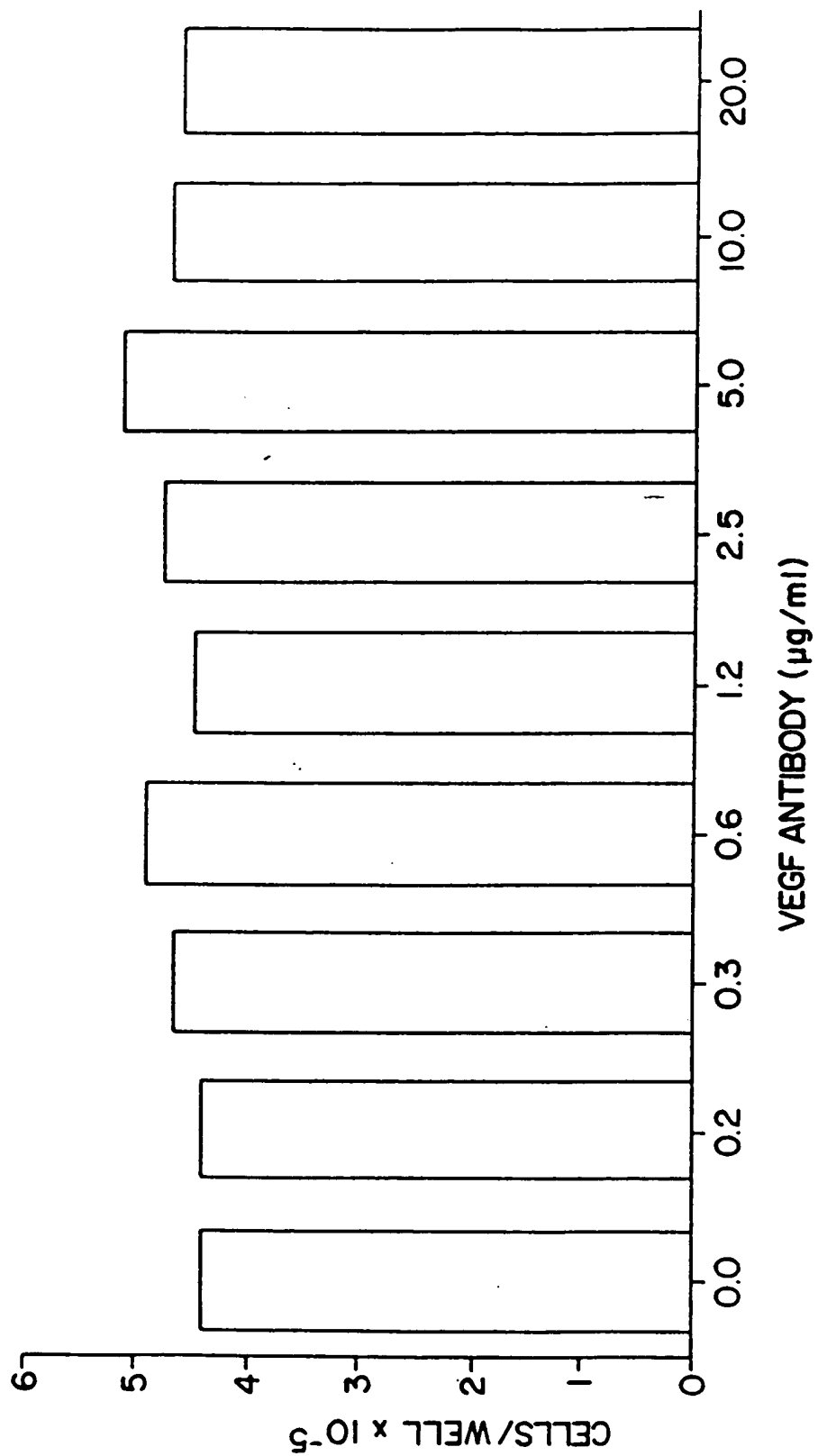


FIG. 8





**FIG. 9**



Sample Type	Sample #	Assay Date	Syn. Fluid	Syn. Fluid + mAB VEGF	% Suppression
Rheumatoid Syn. Fluid	318	5.7.92	5.2 ± 0.2	2.7 ± 0.3	48
	150	5.7.92	7.0 ± 0.3	2.8 ± 0.4	60
	312	5.7.92	6.7 ± 0.4	3.7 ± 0.3	45
	264	5.7.92	6.2 ± 0.4	3.1 ± 0.3	50
	267	5.7.92	5.7 ± 0.6	4.4 ± 0.3	23
	202	5.22.92	10.0 ± 0.5	3.4 ± 0.6	66
	314	5.22.92	7.5 ± 0.3	3.1 ± 0.6	59
	237	5.22.92	6.1 ± 0.5	2.2 ± 0.3	64
	206	5.22.92	6.7 ± 0.5	2.2 ± 0.3	67
	317	5.22.92	5.2 ± 0.3	2.5 ± 0.6	52
Osteoarthritis Syn. Fluid	165	6.2.92	4.0 ± 0.3	2.8 ± 0.4	30
	211	6.2.92	3.4 ± 0.5	3.0 ± 0.2	11.7
	195	6.2.92	3.5 ± 0.2	3.3 ± 0.3	5.7
	122	6.2.92	3.7 ± 0.3	3.2 ± 0.4	13.5
	16	6.2.92	4.1 ± 0.3	3.8 ± 0.5	7.3

Mean % Suppression for RA Fluids 53.4 4.2  
Mean % Suppression for OA Fluids 13.6 3.9  
Synovial fluids were diluted 1:50.

Controls:

6.2.92	PBS	3.3 0.30
	bFGF 1 µg/ml	3.7 0.38
5.22.92	PBS	1.2 0.38
	bFGF 1 µg/ml	7.8 0.31
5.2.92	PBS	1.3 0.18
	bFGF 1 µg/ml	9.0 0.41

FIG. 10

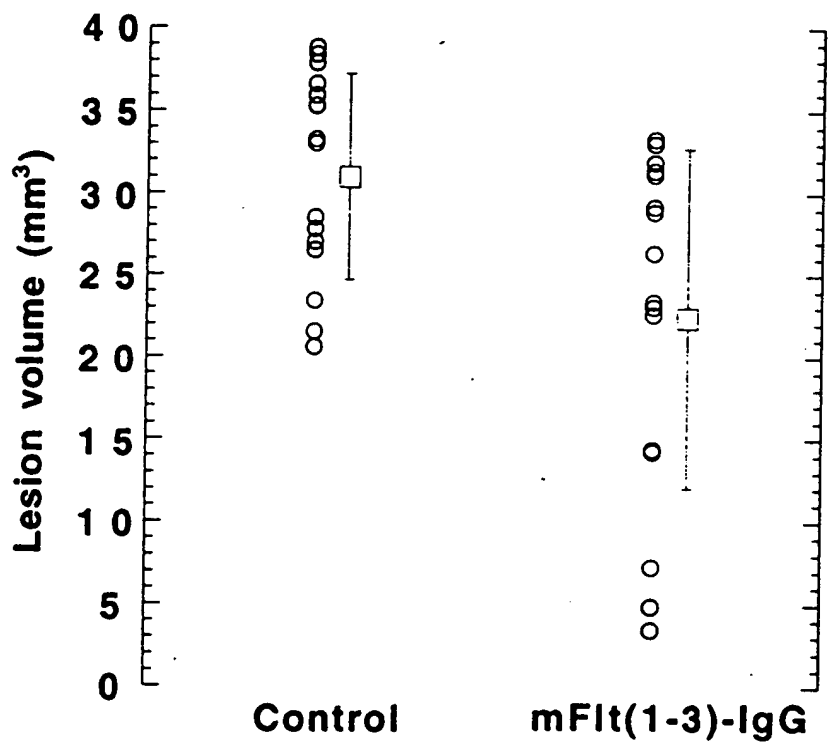


FIG. 11



A

B

FIG. 12

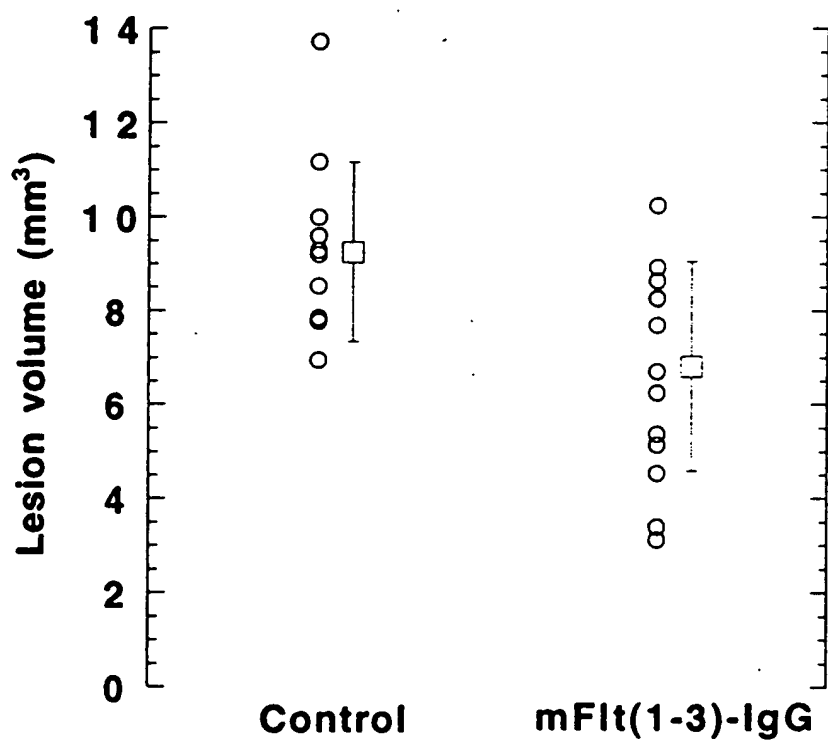


FIG. 13

□ = differences from F J-12



F(ab)-12 <sup>10</sup>DIQMTQSPSSLSASV<sup>20</sup>GDRVITITCSASQ<sup>30</sup>DISNYLNWYQQ  
Y0243-1 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ  
Y0238-3 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ  
Y0313-1 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ  
Y0317 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ

CDR-L1

F(ab)-12 <sup>40</sup>KPGKAPKVLIIYFT<sup>50</sup>SSLHSGVPS<sup>60</sup>RFSGSGSGTDFTLTIS<sup>70</sup>  
Y0243-1 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS  
Y0238-3 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS  
Y0313-1 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS  
Y0317 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS

FIG. 14A

CDR-L2

F(ab)-12 <sup>80</sup>SLQPEDFATYYCQ<sup>90</sup>QYSTVPWTFG<sup>100</sup>QGTKVEIKRTV  
Y0243-1 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV  
Y0238-3 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV  
Y0313-1 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV  
Y0317 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV

CDR-L3

F(ab)-12 <sup>10</sup>EVQLVESGGGLVQ<sup>20</sup>PGGSLRLS<sup>30</sup>CAASGYTFTNYGMNWVR  
Y0243-1 EVQLVESGGGLVQPGGSLRLS~~CAASGYTFTNYGMNWVR~~  
Y0238-3 EVQLVESGGGLVQPGGSLRLS~~CAASGYTFTNYGMNWVR~~  
Y0313-1 EVQLVESGGGLVQPGGSLRLS~~CAASGYTFTNYGMNWVR~~  
Y0317 EVQLVESGGGLVQPGGSLRLS~~CAASGYTFTNYGMNWVR~~

CDR-H1

F(ab)-12 <sup>40</sup>QAPGKGLEWVGWINTYT<sup>50</sup>GEPTYA<sup>60</sup>ADFKRRFTFSLDTSKSTA<sup>70</sup>  
Y0243-1 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA  
Y0238-3 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA  
Y0313-1 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA  
Y0317 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA

FIG. 14B

F(ab)-12 <sup>80</sup>YLQMNSLRAEDTAVYYCAKY<sup>90</sup>PHYYGSSHWY<sup>100</sup>FDVWGQ<sup>110</sup>GQTL  
Y0243-1 YLQMNSLRAEDTAVYYCAKYPHYYGSSHWYFDVWGQGT  
Y0238-3 YLQMNSLRAEDTAVYYCAKY~~PHYYGSSHWYFDVWGQGT~~  
Y0313-1 YLQMNSLRAEDTAVYYCAKY~~PHYYGSSHWYFDVWGQGT~~  
Y0317 YLQMNSLRAEDTAVYYCAKY~~PHYYGSSHWYFDVWGQGT~~

CDR-H3

FIG. 15A

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